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•	L Number	Hits	Search Text	DB	Time stamp
	2	33	April 7	USPAT;	2004/02/12 10:35
er F	Carlotte Harris			US-PGPUB;	
		1		EPO;JPO,	
				DERWENT	
	3	364	movement adj protein	USPAT;	2004/02/12 10:35
				US-PGPUB;	
				EPO, JPO,	
				DERWENT	
	5	111	(movement adj protein) same viral	USPAT;	2004/02/12 10:36
				US-PGPUB;	
				EPO; JPO;	
		*		DERWENT	
	1	126	(potato adj leaf adj roll adj virus) or (potato adj leafroll adj virus)	USPAT;	2004/02/12 10:36
				US-PGPUB,	
		,		EPO; JPO;	1
				DERWENT	
	4	149	(movement adj protein) same virus	USPAT;	2004/02/12 10:37
				US-PGPUB;	
		*		EPO; JPO;	
				DERWENT	

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	U	1	Document ID	Issue Date	Title	Inventor	S	С	P
1	Ø		US 20040028613 A1	20040212	Dopamine agonist formulations for enhanced central nervous system delivery	Quay, Steven C.		0	
2	×		US	20031120	Plant resistance to insect pests mediated by viral proteins	Miller, W. A. et al.		0	
3	×		US 6646117 B1	20031111	Polyribozyme capable of conferring on plants resistance to viruses and resistant plants producing this polyribozyme	Lenee, Philippe et al.			
4	×		US 6638720 B1	20031028	Grapevine leafroll virus proteins and their uses	Gonsalve s, Dennis et al.			
5	Ø		US 20030199011 A1	20031023	Complementary peptide ligands generated from microbial genome sequences	Roberts, Garth W. et al.			
6	Ø		US 20030198942 A1	20031023	Grapevine leafroll virus proteins and their uses	Gonsalve s, Dennis et al.			
7	Ø		US 20030192078 A1	20031009	Synthetic plant genes and method for preparation	Fischhoff , David A. et al.			
8	×		US 6630294 B1	20031007	Subfamily of RNA helicases which are modulators of the fidelity of translation termination and uses thereof	Peltz, Stuart et al.			
9	Ø		US 6627736 B1	20030930	Pap mutants that exhibit anti-viral and/or anti-fungal activity in plants	Tumer, Nilgun E.			
10	×		US 6620985 B1	20030916	PAD4 nucleic acid compositions from Arabidopsis and methods therefor	Glazebro ok, Jane et al.			
11	×		US 20030167516 A1	20030904	Calcium dependent protein kinase polypeptides as regulators of plant disease resistance	Sheen, Jen			
12	Ø		US 20030165912 A1	20030904	Methods for detection of a target nucleic acid by capture using multi-subunit probes	Sorge, Joseph A. et al.			
13	×		US 6608241 B1	20030819	Protection of plants against viral infection	Beachy, Roger N. et al.			
14	×		US 20030148391 A1	20030807	Method using a nonlinear optical technique for detection of interactions involving a conformational change	Salafsky, Joshua S.			
15	×		US 20030148310 A1	20030807	Methods for detection of a target nucleic acid using multi-subunit probes	Sorge, Joseph			
16	Ø		US 6589743 B2	20030708	Methods for detection of a target nucleic acid using a probe comprising secondary structure	Sorge, Joseph A.			
17	Ø		US 6558953 B1	20030506	Grapevine leafroll virus proteins and their uses	Gonsalve s, Dennis et al.			
18	Ø		US 20030074691 A1	20030417	Resistance to viruses and viroids in transgenic plants and animals expressing dsRNA-binding protein	Roth, Don Allen et		0	0

	U	1	D cument ID	Issue Date	Title	Inventor	s	C	P
19	Ø	_	US 6548250 B1	20030415	Methods for detection of a target nucleic acid sequence	Sorge, Joseph A.			
20	Ø		US 20030051273 A1	20030313	Salicylic acid biosynthetic genes and uses thereof	Wilderm uth, Mary C. et al.			
21	Ø	0	WO 200206447 A	20030313	Inducing disease resistance on plant to bacterial and fungal pathogens e.g. powdery mildew or leaf-spotting bacterial pathogen, comprises transforming plant cell with nucleic acid molecule encoding isochorismate synthase	AUSUBE L, F M et al.	ļ		
22	×		US 20030044800 A1	20030306	Drug discovery employing calorimetric target triage	Connelly, Patrick R. et al.			
23	Ø		US 6528254 B1	20030304	Methods for detection of a target nucleic acid sequence	Sorge, Joseph A.			
24	×		US 20030032158 A1	20030213	Method of modulating the efficiency of translation termination and degradation of aberrant mRNA involving a surveillance complex comprising human Upf1p,eucaryotic release factor 1 and eucaryotic release factor 3	Peltz, Stuart et al.			
25	×		US 6518013 B1	20030211	Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission	Barney, Shawn O'Lin et al.			
26	×		US 6486305 B1	20021126	METHOD OF MODULATING THE EFFICIENCY OF TRANSLATION TERMINATION AND DEGRADATION OF ABERRANT MRNA INVOLVING A SURVEILLANCE COMPLEX COMPRISING HUMAN UPF1P, EUCARYOTIC RELEASE FACTOR 1 AND EUCARYOTIC RELEASE FACTOR 3	Peltz, Stuart et al.			
27	×		US 20020169298 A1	20021114	Methods and means for producing barley yellow dwarf virus resistant cereal plants	Waterhou se, Peter et al.			
28	×		US 6479055 B1	20021112	Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission	Bolognes i, Dani Paul et al.			
29	×		US 20020138872 A1	20020926	ACQUIRED RESISTANCE GENES AND USES THEREOF	DONG, XINNIA N et al.			
30	×		US 20020137036 A1	20020926	Methods for detection of a target nucleic acid by capture	Sorge, Joseph A. et al.			
31	Ø		US 6451603 B1	20020917	Ribozyme nucleic acids and methods of use thereof for controlling viral pathogens	Atkins, David G. et al.			
32	Ø		US 20020108146 A1	20020808	DNA construct to confer multiple traits on plants	Pang, Sheng-Zh i et al.			0
33	Ø		US 20020106647 A1	20020808	Nucleic acid compositions and methods of introducing nucleic acids into cells	Segal, Andrew H. et al.			
34	×		US 20020102591 A1	20020801	Methods for detection of a target nucleic acid	Sorge, Joseph A.			

	U	1	Document ID	Issue Date	Title	Inventor	s	С	P
35	Ø		US 20020073447 A1	20020613	Acquired resistance genes and uses thereof	Dong, Xinnian et al.	0		
36	×		US 20020059658 A1	20020516	Methods of improving the effectiveness of transgenic plants	Wei, Zhong-M in et al.	0		
37	Ø		US 6350934 B1	20020226	Nucleic acid encoding delta-9 desaturase	Zwick, Michael G. et al.			
38	Ø		US 6350580 B1	20020226	Methods for detection of a target nucleic acid using a probe comprising secondary structure	Sorge, Joseph A.			
39	Ø		US 6329568 B1	20011211	Tospovirus resistance in plants	Gonsalve s, Dennis et al.			٥
40	Ø		US 6277634 B1	20010821	Optimized minizymes and miniribozymes and uses thereof	McCall, Maxine J. et al.		0	
41	×		US 6265634 B1	20010724	Polyribozyme capable of conferring on plants resistance to cucumber mosaic virus and resistant plants producing this polyribozyme	Lenee, Philippe et al.			
42	×		EP 1103616 A2	20010530	Synthetic plant genes and method for preparation	**************************************			0
43	×		EP 1103616 A	20010530	Improving the expression of a heterologous gene in plants, useful for preparing synthetic plant genes that express their proteins at high levels when compared to wild type genes, by modifying the structural coding sequence of the gene				
44	×		US 6228983 B1	20010508	Human respiratory syncytial virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
45	×		US 6228637 B1	20010508	Recombinant vector, method for giving immunity against PVY-T to potato plant, and potato plant having immunity against PVY-T	Kasaoka, Keisuke et al.			
46	×		US 6211431 B1	20010403	Plant transcription regulators from circovirus	Boevink, Petra Christina et al.			
47	×		US 6194141 B1	20010227	Inhibition of picornavirus genome replication by interference with VPg-nucleotidylylation and elongation	Paul, Aniko V. et al.			
48	Ø		US 6137030 A	20001024	Pap mutants that exhibit anti-viral and/or anti-fungal activity in plants	Tumer, Nilgun E.			
49	Ø		US 6127114 A	20001003	Ribozymes	Haseloff, James Phillip et al.			
50	×		US 6093794 A	20000725	Isolated peptides derived from the Epstein-Barr virus containing fusion inhibitory domains	Barney, Shawn O'Lin et al.			

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	U	1	Document ID	Issue Date	Title	Invent r	s	C	P
51	M		US 6068973 A	20000530	Methods for inhibition of membrane fusion-associated events, including influenza virus	Barney, Shawn O'Lin et al.			
52	Ø		US 6060065 A	20000509	Compositions for inhibition of membrane fusion-associated events, including influenza virus transmission	Barney, Shawn O'Lin et al.			
53	Ø		US 6054265 A	20000425	Screening assays for compounds that inhibit membrane fusion-associated events	Barney, Shawn O'Lin et al.			
54	×		US 6040496 A	20000321	Use of translationally altered RNA to confer resistance to maize dwarf mosaic virus and other monocotyledonous plant viruses	Law, Marcus Dixon et al.			
55	Ø		US 6017734 A	20000125	Unique nucleotide and amino acid sequence and uses thereof	Summers, Max D. et al.			
56	Ø		US 6017536 A	20000125	Simian immunodeficiency virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.	0		
57	×		US 6015940 A	20000118	Virus resistant potato plants	Kaniewsk i, Wojciech Kazimier z et al.			
58	×		US 6013864 A	20000111	Plants resistant to infection by luteoviruses	Mitsky, Timothy Albert et al.			
59	Ø		US 6013263 A	20000111	Measles virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
60	Ø		US 6013864 A	20000111	New DNA comprising luteovirus replicase sequence and control elements, useful for preparing transgenic plants resistant to luteovirus	HEMEN WAY, C L et al.			
61	Ø		US 6004806 A	19991221	Optimized minizymes and miniribozymes and uses thereof	McCall, Maxine J. et al.			
62	×		US 6001986 A	19991214	Antiviral proteins, amarandin 1 and 2, from Amaranthus viridis, DNAs encoding therefrom	Kim, Yong Sig et al.			
63	Ø		US 6001648 A	19991214	Optimized minizymes and miniribozymes and uses thereof	McCall, Maxine J. et al.			
64	Ø		US 6001986 A	19991214	Isolated DNA encoding antiviral proteins amarandin 1 and 2, from Amaranthus viridis	CHO, J W et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	C	P
65	×		US 5998701 A	19991207	Potatoes having improved quality characteristics and methods for their production	Kawchuk , Lawrence Michael			
66	×		US 5990388 A	19991123	Resistance to viruses and viroids in transgenic plants and animals expressing dsRNA-binding protein	Roth, Don Allen et			
67	×		US 5968828 A	19991019	Virus-resistant transgenic plants comprising cells transformed with a polynucleotide encoding a potyviridae P1 protein or P1 protein fragment	Pehu, Eija et al.			
68	×		US 5945581 A	19990831	Implanting disease resistance to plants with viral replicase DNA molecules which do not have a read-through portion	Zaitlin, Milton et al.			
69	×		US 5907085 A	19990525	Grapevine leafroll virus proteins and their uses	Gonsalve s, Dennis et al.			
70	×		US 5880329 A	19990309	DNA encoding pokeweed antiviral protein mutants	Tumer, Nilgun E.			
71	Ø		US 5880275 A	19990309	Synthetic plant genes from BT kurstaki and method for preparation	Fischhoff , David A. et al.			
72	×		EP 896792 A	19990217	New composition for controlling viruses, degrading and amplifying viral nucleic acids - comprises carrier and active agent especially tannic acid	JASSIM, S A A			
73	×		US 5872241 A	19990216	Multiple component RNA catalysts and uses thereof	Pyle, Anna M. et al.			
74	Ø		US 5866780 A	19990202	Maize chlorotic dwarf virus genome and uses therefor	Law, Marcus et al.			
75	×		US 5850023 A	19981215	Modified plant viral replicase genes	Elmer, James Scott et al.			
76	×		US 5840874 A	19981124	Hammerhand ribozymes	Haseloff, James Phillip et al.			
77	×		US 5831013 A	19981103	Capsid polypeptides and use to inhibit viral packaging	Bruenn, Jeremy A. et al.			
78	×		US 5811654 A	19980922	Plants genetically enhanced for nutritional quality	Jaynes, Jesse M. et al.			
79	Ø		US 5801153 A	19980901	Method of enhancing the antimicrobial properties of antibacterial antibiotics to massively control and prevent bacterial, fungal, and viral diseases in plants	Badaway, Mohamm ed A.			
80	Ø		US 5771633 A	19980630	Method for producing potato tubers using a graft plant	Oka, Ichiro			
81	×		US 5766942 A	19980616	Ribozymes	Haseloff, James Phillip et al.		0	

	U	1	Document ID	Issue Date	Title	Inventor	s	C	P
82	Ø		US 5756322 A	19980526	Pokeweed antiviral protein mutants	Tumer, Nilgun E.			
83	Ø		US 5747335 A	19980505	Ribozymes	Haseloff, James Phillip et al.			
84	×		US 5714312 A	19980203	Procedure for the detection and identification of viral and subviral pathogens	Nuno Bardosa Nolasco, Gustavo et al.			
85	×		US 5707835 A	19980113	Ribozymes	Haseloff, James Phillip et al.			
86	Ø		US 5656466 A	19970812	Process for preparing virus-resistant transgenic plant	Moon, Young-H o et al.			
87	Ø		US 5633449 A	19970527	Induction of resistance to viral diseases in plants	Zaitlin, Milton et al.			
88	Ø		US 5633155 A	19970527	Expression vector for phytolacca antiviral protein and process for preparing transgenic plant transformed therewith	Kim, Man-Keu n et al.			
89	Ø		US 5631148 A	19970520	Ribozymes with product ejection by strand displacement	Urdea, Michael S.			
90	Ø		WO 9712617 A	19970410	New isolated genes involved in ribosomal frame:shifting - used to develop products for use in treating viral infections or diseases associated with a non:sense mutation in a gene	CUI, Y et			
91	Ø		US 5597945 A	19970128	Plants genetically enhanced for disease resistance	Jaynes, Jesse M. et al.			
92	Ø		US 5589580 A	19961231	Ribozymes	Haseloff, James P. et al.		0	
93	Ø		US 5583021 A	19961210	Production of virus resistant plants	Doughert y, William G. et al.		0	
94	×		US 5576202 A	19961119	Virus-resistant transgenic plants	Pehu, Eija et al.			
95	×		US 5574143 A	19961112	Ribozymes	Haseloff, James P. et al.	0		
96	Ø		US 5543508 A	19960806	Ribozymes	Haseloff, James P. et al.			
97	×		US 5514570 A	19960507	Squash mosaic virus genes and plants transformed therewith	Gonsalve s, Dennis et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	С	P
98	Ø		US 5510253 A	19960423	Plants resistant to infection by PLRV	Mitsky, Timothy A. et al.			
99	×		US 5500365 A	19960319	Synthetic plant genes	Fischhoff , David A. et al.			
100	Ø		US 5494814 A	19960227	Ribozymes	Haseloff, James P. et al.			
101	Ø		JP 07291815 A	19951107	Agent for controlling viral diseases of plants - comprises hot water extract of Zea mays and/or Prunella vulgaris var. lilachina				
102	×		EP 682711 B	19940818	Novel DNA for providing resistance to potato leafroll virus (PLRV) - encodes a PLRV replicase which is expressed in the transformed resistant plants	HEMEN WAY, C L et al.			
103	Ø		US 5304730 A	19940419	Virus resistant plants and method therefore	Lawson, Edgar C. et al.			
104	Ø		US 5279937 A	19940118	Use of macroglobulins to improve the signal-to-background ratio in affinity binding assays	Rowe, Gerald E.			
105	×		JP 05304847 A	19931119	POTATO HAVING RESISTANCE TO POTATO LEAF-ROLL VIRUS AND METHOD FOR CREATING THE SAME	MATSU MURA, TAKESH I et al.			
106	Ø		JP 05304847 A	19931119	Potatoes resistant against potato leaf roll virus - comprises transforming potato cells using recombinant vector combined DNA				
107	×		US 5254678 A	19931019	Ribozymes	Haseloff, James P. et al.			
108	Ø	0	ZA 9208132 A	19930630	Conferring resistance on plant e.g. tobacco, to infection - by inserting DNA sequences into genome of plant which encode coat proteins	BURGE R, J T et al.			
109	Ø		EP 531273 A2	19930310	Virus resistant plants and method therefore.	HEMEN WAY, CYNTHI A LOU et al.			
110	×		EP 531273 A	19930310	Modified DNA sequence encoding potato leaf roll virus coat protein - comprises the DNA sequence having at least one internal translation initiation codon in different frame than altered sequence	HEMEN WAY, C L et al.			
111	Ø		US 5187064 A	19930216	Monoclonal antibodies and methods for fungal pathogen detection	Petersen, Frank P. et al.			
112	Ø		DD 299262 A	19920409	Agent for controlling plant viruses - consists of synergistic mixt. of N-phenyl-N-p-carboxy-phenyl-thiourea and 2,4-di:oxo-hexa:hydro-1,3,5-tria- zine	CHRIST OVA, D P et al.			
113	Ø		EP 385962 A1	19900905	Synthetic plant genes and method for preparation.	FISCHH OFF, DAVID ALLEN et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	С	P
114	×		EP 370710 A2	19900530	DNA sequence encoding the coat protein gene of potato leafroll virus.	MAYO, MICHAE L ANDRE W et al.			
115	Ø		EP 370710 A	19900530	DNA encoding coat protein gene of potato leaf-roll virus - used as probes for detection of PLRV and for prodn. of coat protein	MAYO, M A et al.			
116	Ø		EP 369613 A	19900523	Insecticidal compsn comprises pirimicarb or alternative aphicide, carrier solvent and polymeric substance more soluble in carrier solvent than in water	BROWN, D J et al.			
117	Ø		EP 369612 A	19900523	Insecticidal compsn. is slow release wettable powder - comprising aphicide and additive of thermoplastic resin or wax	BROWN, D J et al.			
118	×		DD 276105 A	19900214	Prepn. of monoclonal antibodies specific for potato leaf roll virus - by culturing particular hybridomas, useful immunoassays for detecting virus infection of plants - by culturing particular hybridomas, useful in immunoassays for detecting virus infection of plants	HASSE,			
119	×		US 4879217 A	19891107	Test for Rhizoctonia brown and yellow patch	Petersen, Frank P. et al.			
120	×		US 4845197 A	19890704	Monoclonal antibodies and methods for fungal pathogen detection	Petersen, Frank P. et al.			
121	Ø		US 5597945 A	19890518		DERRIC K, K S et al.			
122	Ø		US 4803155 A	19890207	Monoclonal antibodies to Sclerotinia homoeocarpa	Petersen, Frank P. et al.			
123	×		DD 244908 A	19870422	Anti:phyto:viral chemotherapy of plant viruses - using preparations contg. lignin:sulphonic acid or lignosulphonate as active substance	KLUGE, P et al.			
124	Ø		DE 2845967 A	19790510	Antiviral compsns. contg. urea derivs for treatment of crop e.g. potato virus disease	GROSS, M et al.			
125	×		DE 2844405 A	19790510	Antiviral compsns. contg. thiourea derivs for treatment of crop e.g. potato virus disease	VASSIL EV, G N et al.			
126	Ø		DE 2844404 A	19790510		HEINISC H, L et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	С	P
1	Ø		US 6689718 B2	20040210	Use of tobacco mild green mosaic virus (TMGMV) mediated lethal hypersensitive response (HR) as a novel method of weed control	Charudatt an, Raghavan et al.			
2	Ø		US 20040023388 A1	20040205	Modulation of meiotic recombination	Rozwado wski, Kevin L. et al.			
3	Ø		US 20040019930 A1	20040129	Virus induced gene silencing in plants	Yusibov, Vidadi			
4	×		US 20040014216 A1	20040122	Ires enabled gene trapping in plants	Gleba, Yuri et al.			
5	Ø		US 20040005560 A1	20040108	Novel full-length cDNA	Isogai, Takao et al.			
6	×		US 20020148005 A	20031231	Cabbage leaf curl virus silencing vector useful for silencing expression of endogenous plant genes, comprises a genomic component of the virus with heterologous DNA sequences having sequence similarity to an endogenous plant gene	PEELE, C et al.			
7	×		US 6670114 B1	20031230	Host derived proteins binding HCV: medical, diagnostic and purification use	Maertens, Geert et al.			
8	×		US 20030229920 A1	20031211	Gene silencing materials and methods	Baulcom be, David Charles et al.			
9	×		US 6660500 B2	20031209	Production of peptides in plants as viral coat protein fusions	Turpen, Thomas H. et al.			
10	×		US 6656726 B1	20031202	Viral expression vectors	Fitzmauri ce, Wayne P. et al.			
11	×		WO 200066743 A	20031202	Novel nucleic acid encoding altered viral movement protein and altered 126/183 kDa replicase complex for genetic manipulation of plants	FITZMA URICE, W P et al.			
12	Ø		US 6649813 B2	20031118	Induction of resistance to virus diseases by transformation of plants with a plant virus replicase gene	Zaitlin, Milton et al.			
13	Ø		US 20030208792 A1	20031106	Method for using tobacco mosaic virus to overproduce peptides and proteins	Fitchen, John H. et al.			
14	×		US 5955647 A	20031106	Overprodn. of heterologous peptide in plants via tobacco mosaic virus infection - in which the coat protein gene is modified by insertion of heterologous sequence, partic. for producing viral antigens for vaccines	BEACH Y, R N et al.			
15	Ø		US 20030204869 A1	20031030	Method to control the ripening of papaya fruit and confer disease resistance to papaya plants	Gonsalve s, Dennis et al.	0		

	U	1	Document ID	Issue Date	Title	Inventor	s	C	P
16	×	0	US 20030200560 A1	20031023	Herbicide resistant plants	Warner, Simon Anthony James et al.			
17	Ø		US 6632980 B1	20031014	Binary viral expression system in plants	Yadav, Narendra S. et al.			
18	Ø		US 20030190700 A1	20031009	Synthetic nucleic acid molecule for imparting multiple traits	Gonsalve s, Dennis et al.			
19	Ø		US 20030188338 A1	20031002	Development of resistance to raspberry bushy dwarf virus	Martin, Robert R. et al.			
20	Ø		US 20030186261 A1	20031002	Method of increasing complementarity in a heteroduplex	Padgett, Hal S. et al.			
21	⋈		US 20030186236 A1	20031002		Kapil, Sanjay et al.			
22	×		US 20020046417 A	20031002	Novel raspberry bushy dwarf virus protein useful for producing transgenic raspberry plants having induced resistance against RBDV	KELLER , K et al.			
23	×		US 20030182684 A1	20030925	Tobacco rattle virus vectors and related compositions and methods	Dinesh Kumar, Savithra mma P. et al.			
24	×		US 20030172397 A1	20030911	Papaya ringspot virus genes	Gonsalve s, Dennis et al.			
25	Ø		US 20030167512 A1	20030904	Method of determining the presence of a trait in a plant by transfecting a nucleic acid sequence of a donor plant into a different host plant in a positive orientation	Kumagai, Monto H. et al.			
26	×		US 20030166169 A1	20030904	Method for constructing viral nucleic acids in a cell-free manner	Padgett, Hal S. et al.			
27	Ø		US 20030165814 A1	20030904	Identification And Applications Of Porcine Reproductive And Respiratory Syndrome Virus Host Susceptibility Factor(s) For Improved Swine Breeding	Kapil, Sanjay et al.			
28	Ø		US 20030157682 A1	20030821	Mismatch endonucleases and methods of use	Padgett, Hal S. et al.			
29	×		US 20030157495 A1	20030821	Nucleic acid molecules encoding CEL I endonuclease and methods of use thereof	Padgett, Hal S. et al.			
30	Ø		US 20030150019 A1	20030807	Monopartite RNA virus transformation vectors	Turpen, Thomas H. et al.			

	U	1	Document ID	Issue-Date	Title	Inventor	s	С	P
31	Ø		US 20030148315 A1	20030807	Nucleic acid molecules encoding endonucleases and methods of use thereof	Padgett, Hal S. et al.			
32	×		US 20030150019 A	20030807	New recombinant viral RNA molecules, useful in modifying a plant host cell, genotypically or phenotypically, e.g. male sterility or improved resistance to pests or diseases, or for producing pharmaceuticals, hormones or	DAWSO N, W O et al.			
33	×		US 20030135888 A1	20030717	Genes that are modulated by posttranscriptional gene silencing	Zhu, Tong et al.			
34	×		US 20030135882 A1	20030717	Methods and means for delivering inhibitory RNA to plants and applications thereof	Metzlaff, Michael H. et al.			
35	Ø		AT 200200052 A	20030715	New nucleic acid encoding binding protein for virus movement protein, useful for preparing virus-resistant transgenic plants, or for promoting spread of viral vectors	KRAGLE R, F et al.			
36	Ø		US 20030125208 A1	20030703	USE OF TOBACCO MILD GREEN MOSAIC VIRUS (TMGMV) MEDIATED LETHAL HYPERSENSITIVE RESPONSE (HR) AS A NOVEL METHOD OF WEED CONTROL	Charudatt an, Raghavan et al.	П		
37	Ø		US 20030109045 A1	20030612	RNA silencing suppression	Nelson, Richard S. et al.			
38	×		US 20030104571 A1	20030605	Flexible method and apparatus for high throughput production and purification of multiple proteins	Smith, Mark L. et al.			
39		0	US 6573427 B1	20030603	Recombinant construct for enhancement of gene expression in plants	Atabekov , Joseph et al.	⊠		
40	×		WO 200046350 A	20030527	Producing biomedical peptides and proteins in plants for use as vaccine in mammals, involves infecting host plants using transcomplementation systems involving recombinant plant viral vectors	KOPRO WSKI, H et al.			
41	Ø		US 20030097683 A1	20030522		Lindbo, John A. et al.			
42	×		US 20030096320 A1	20030522	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
43	Ø		US 20030093830 A1	20030515	Means for identifying the locus of a major resistance gene to the rice yellow mottle virus, and their applications	Ghesquie re, Alain et al.			
44	Ø		US 20030079248 A1	20030424	Gemini virus vectors for gene expression in plants	Mason, Hugh et al.			
45	Ø		US 20030079246 A1	20030424	Herbicide resistant plants	Andrews, Christoph er John et al.			

	U	1	Document ID	Issue Date	Title	Invent r	s	C	P
46	Ø		US 20030077801 A1	20030424	Herbicide resistant plants	Andrews, Christoph er John et al.			
47	Ø		US 20030077619 A1	20030424	Method of isolating human cDNAs by transfecting a nucleic acid sequence of a non-plant donor into a host plant in an anti-sense orientation	Kumagai, Monto H. et al.			
48	×		US 20030074677 A1	20030417	IMPROVED MATERIALS AND METHODS FOR TRANSFORMATION	RASOCH OVA, LADA et al.			
49	Ø		US 6548742 B2	20030415	Development of resistance to raspberry bushy dwarf virus	Martin, Robert R. et al.			
50	Ø		US 20030064392 A1	20030403	Method of humanizing plant cDNAs by transfecting a nucleic acid sequence of a non-plant donor into a host plant in an anti-sense orientation	Kumagai, Monto H. et al.			
51	Ø		US 20030059910 A1	20030327	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
52	×		JP 2003079385 A	20030318	New DNA encoding a subunit protein comprising a mutated eukaryotic initiation factor 4F (eIF4F), with reduced translation initiation function, useful for producing virus resistant transgenic plants				
53	×		US 20030049814 A1	20030313	Herbicide resistant plants	Andrews, Christoph er John et al.			
54	Ø		US 20030049228 A1	20030313	Expression of foreign genes from plant virus vectors	Santa-Cru z, Simon et al.			
55	×		US 6531647 B1	20030311	Gene silencing methods	Baulcom be, David Charles et al.			
56	×		US 20030044420 A1	20030306	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
57	Ø		US 20030044417 A1	20030306	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
58	×		US 20020083491 A	20030305	Geminivirus silencing vector for silencing expression of endogenous plant genes, comprises a genomic component of the virus with heterologous DNA sequences having sequence similarity to an endogenous plant gene	HANLE Y-BOW DOIN, L K et al.			
59	×		US 20030041355 A1	20030227	Method of humanizing plant cDNA	Kumagai, Monto H. et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	C	P
60	×		US 20030039659 A1	20030227	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
61	Ø		US 20030036641 A1	20030220	Methods for homology-driven reassembly of nucleic acid sequences	Padgett, Hal S. et al.			0
62	×		US 20030035807 A1	20030220	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
63	×		US 6518013 B1	20030211	Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission	Barney, Shawn O'Lin et al.			
64	Ø		US 20030028926 A1	20030206	Method of isolating human cDNA	Kumagai, Monto H. et al.			
65	×		US 20030027183 A1	20030206	Method of identifying a nucleic acid sequence in a plant	Kumagai, Monto H. et al.			
66	Ø	0	US 20030027182 A1	20030206	Method of determining the presence of a trait in a plant by transfecting a nucleic acid sequence of a donor plant into a different host plant in an anti-sense orientation	Kumagai, Monto H. et al.			
67	Ø		US 20030027173 A1	20030206	Method of determining the function of nucleotide sequences and the proteins they encode by transfecting the same into a host				
68	Ø		US 20030024008 A1	20030130	Method of increasing grain crop	Kumagai, Monto H. et al.			
69	Ø	D	US 6509453 B1	20030121	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
70	Ø		US 6503732 B1	20030107	Method for using tobacco mosaic virus to overproduce peptides and proteins	Fitchen, John H. et al.			
71	Ø		US 6500652 B2	20021231	Use of nucleic acid molecules as antiviral agents	Kao, C. Cheng et al.			
72	Ø		US 20020194646 A1	20021219	Methods of creating dwarf phenotypes in plants	Pogue, Gregory P. et al.			
73	Ø		US 20020177160 A1	20021128	Method of increasing complementarity in a heteroduplex	Padgett, Hal S. et al.			
74	Ø		US 20020169298 A1	20021114	Methods and means for producing barley yellow dwarf virus resistant cereal plants	Waterhou se, Peter et al.			
75	Ø		US 20020168769 A1	20021114	RNA transformation vectors derived from a single-component RNA virus and contain an intervening sequence between the cap and the 5' end	Lindbo, John A. et al.	0		

	U	1	Document ID	Issue Date	Title	Inventor	S	C	P
76	×		US 6479055 B1	20021112	Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission	Bolognes i, Dani Paul et al.			
77	Ø	0	US 20020165370 A1	20021107	Cytoplasmic gene inhibition or gene expression in transfected plants by a tobraviral vector	Roberts, Peter D. et al.			
78	Ø		US 20020164803 A1	20021107	RNA transformation vectors derived from an uncapped single-component RNA virus	Lindbo, John A. et al.			
79	Ø	0	US 20020164585 A1	20021107	Method for enhancing RNA or protein production using non-native 5' untranslated sequences in recombinant viral nucleic acids	Chapman , Sean et al.		0	
80	×		US 20020157131 A1	20021024	Cytoplasmic inhibition of gene expression and expression of a foreign protein in a monocot plant by a plant viral vector	Holzberg, Steven P. et al.			
81	Ø		US 6468745 B1	20021022	Method for expressing a library of nucleic acid sequence variants and selecting desired traits	Fitzmauri ce, Wayne P. et al.			
82	Ø		US 20020148005 A1	20021010	Method of using DNA episomes to suppress gene expression in plants	Peele, Charles et al.			
83	Ø	0	US 20020146732 A1	20021010	Method of increasing complementarity in a heteroduplex	Padgett, Hal S. et al.			
84	Ø		US 6462255 B1	20021008	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
85	Ø		US 20020144308 A1	20021003	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.		0	
86	Ø		US 20020138873 A1	20020926	Multiple component RNA vector system for expression of foreign sequences	Lewando wski, Dennis J. et al.			
87	×		WO 200111090 A	20020925	Identifying virus-binding polypeptides by inducing cDNA expression library of animal virus vector to obtain fusion polypeptides and identifying polypeptides that bind to virus of plant-infecting virus preparation	DEMED EIROS, R B et al.			
88	×		US 6452070 B1	20020917	Methods of using viral replicase polynucleotides and polypeptides	Gordon- Kamm, William J. et al.	□		
89	Ø	0	US 6448070 B1	20020910	Polypeptides fused with alfalfa mosaic virus or ilarvirus capsid	Koprows ki, Hilary et al.			
90	Ø		US 6433248 B1	20020813	Trans-activation of transcription from viral RNA	Lommel, Steven A. et al.			
91	Ø		US 20020108146 A1	20020808	DNA construct to confer multiple traits on plants	Pang, Sheng-Zh i et al.			

	U	1	Document ID	Issue Date	Title	Invent r	s	С	P
92	Ø		US 20020104126 A1	20020801	Production of bovine lysozyme by plant viral vectors	Pogue, Gregory P. et al.			
93	Ø		US 20020104123 A1	20020801	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
94	Ø		US 20020104116 A1	20020801	INDUCTION OF RESISTANCE TO VIRUS DISEASES BY TRANSFORMATION OF PLANTS WITH A PORTION OF A PLANT VIRUS GENOME COMPRISING A READ-THROUGH REPLICASE GENE	ZAITLIN , MILTON et al.			
95	Ø		US 20020103143 A1	20020801	USE OF NUCLEIC ACID MOLECULES AS ANTIVIRAL AGENTS	KAO, C. CHENG et al.			
96	Ø		US 6426185 B1	20020730	Method of compiling a functional gene profile in a plant by transfecting a nucleic acid sequence of a donor plant into a different host plant in an anti-sense orientation	Kumagai, Monto H. et al.			
97	Ø		US 20020083491 A1	20020627	Method of using DNA episomes to suppress gene expression in plants	Peele, Charles et al.			
98	Ø		US 6407313 B1	20020618	Regulation of plant development and physiology through plasmodesmatal macromolecular transport of proteins and oligonucleotides	Lucas, William J.			
99	Ø		US 20020069429 A1	20020606	Method for conferring herbicide, pest, or disease resistance in plant hosts	Kumagai, Monto H. et al.			
100	Ø		US 6392121 B1	20020521	Gemini virus vectors for gene expression in plants	Mason, Hugh S. et al.			
101	Ø		US 6376745 B1	20020423	Methods for coexpression of more than one gene using at least one internal ribosome entry site (IRES)	Atabekov , Joseph et al.			
102	Ø		US 20020046417 A1	20020418	Development of resistance to raspberry bushy dwarf virus	Martin, Robert R. et al.			
103	Ø		US 20020035739 A1	20020321	Evolution of plant disease response plant pathways to enable the development of based biological sensors and to develop novel disease resistance strategies	Lassner, Michael et al.			
104	Ø		US 20020034814 A1	20020321	Methods for coexpression of more than one gene in eukaryotic cells	Atabekov , Joseph et al.			
105	×		US 20020016305 A1	20020207	Yeast genes that affect viral replication	Ahlquist, Paul G. et al.			
106	Ø		KR 2001094263 A	i	Nucleotide and amino acid sequences of movement protein of kyuri green mottle mosaic virus (KGMMV)	JANG, S H et al.			
107	Ø		KR 2001094262 A	20011031	Nucleotide and amino acid sequences of coat protein of kyuri green mottle mosaic virus (KGMMV)	JANG, S H et al.			
108	Ø		US 6303848 B1	20011016	Method for conferring herbicide, pest, or disease resistance in plant hosts	Kumagai, Monto H. et al.			
109	Ø		US 6300134 B1	20011009	RNA transformation vectors derived from a single-component RNA virus and contain an intervening sequence between the cap and the 5' end	Lindbo, John A. et al.			

		Ü	i	Document ID	issue Date	Title	Inventor	s	C	P
	110	Ø		US 6300133 B1	20011009	RNA transformation vectors derived from an uncapped single-component RNA virus	Lindbo, John A. et al.			
	111	Ø		US 20010007154 A1	20010705	MATERIALS AND METHODS FOR HYBRID SEED PRODUCTION	BURGES S, DIANE et al.			
	112	Ø		US 6232099 B1	20010515	Method of producing a chimeric protein	Chapman , Sean Nicholas et al.			
	113	Ø		US 6228983 B1	20010508	Human respiratory syncytial virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
	114	Ø		US 6222095 B1	20010424	Sequences from auxin-induced gene products targeting fusion proteins for degradation	Callis, Judy et			
	115	Ø		US 6133505 A	20001017	Phytopathogenic geminivirus resistant transgenic plants and seeds and methods for obtaining same by introduction of mutated C1 gene	Gronenbo rn, Bruno			
	116	Ø		JP 2000262169 А	20000926	PLANT CAPABLE OF REGULATING CELL-TO-CELL MOVEMENT THROUGH PLASMODESM	FUЛWA RA, TORU			
	117	Ø		US 6093794 A	20000725	Isolated peptides derived from the Epstein-Barr virus containing fusion inhibitory domains	Barney, Shawn O'Lin et al.			
	118	Ø		US 6068973 A	20000530	Methods for inhibition of membrane fusion-associated events, including influenza virus	Barney, Shawn O'Lin et al.			
	119	Ø		WO 200025574 A	20000511	Producing full-length antibody in a host plant for use as vaccines, involves using recombinant viral vectors or transcomplementation systems	KOPRO WSKI, H et al.			
	120	Ø		US 6060065 A	20000509	Compositions for inhibition of membrane fusion-associated events, including influenza virus transmission	Barney, Shawn O'Lin et al.			
	121	Ø		US 6057492 A	20000502	Plants resistant to tospoviruses	de Haan, Petrus Theodoru s			
	122	Ø		US 6054265 A	20000425	Screening assays for compounds that inhibit membrane fusion-associated events	Barney, Shawn O'Lin et al.			
	123	Ø		US 6042832 A	20000328	Polypeptides fused with alfalfa mosaic virus or ilarvirus capsid proteins	Koprows ki, Hilary et al.		0	
]	124	☒		US 6017734 A	20000125	Unique nucleotide and amino acid sequence and uses thereof	Summers, Max D. et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	С	P
125	Ø		US 6017536 A	20000125		Barney, Shawn O'Lin et al.			
126	Ø		US 6013864 A	20000111	Plants resistant to infection by luteoviruses	Mitsky, Timothy Albert et al.			
127	Ø		US 6013263 A	20000111	Measles virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
128	Ø		US 5977438 A	19991102	Production of peptides in plants as viral coat protein fusions	Turpen, Thomas H. et al.			
129	×		US 5965794 A	19991012	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
130	×		US 5955647 A	19990921	Method for using tobacco mosaic virus to overproduce peptides and proteins	Fitchen, John H. et al.			
131	×		US 5945581 A	19990831	Implanting disease resistance to plants with viral replicase DNA molecules which do not have a read-through portion	Zaitlin, Milton et al.			
132	Ø		US 5907084 A	19990525	Virus resistant or tolerant cells	de Haan, Petrus Theodoru s			
133	Ø		US 5898097 A	19990427	Resistance to virus infection using modified viral movement protein	Beachy, Roger N. et al.			
134	×		US 5898097 A	19990427	Producing virus resistant plants by transfection with DNA encoding a mutated protein	BEACH Y, R N et al.			
135	×		US 5889191 A	19990330	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
136	Ø		US 5889191 A	19990330	System comprising a replicon and a helper virus which is a plus sense, single stranded RNA plant virus - useful for high level expression of foreign genes in plants e.g. chloramphenicol acetyltransferase gene	TURPEN , T H			
137	×		US 5856452 A	19990105	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
138	Ø		US 5850019 A	19981215	` ' -	Maiti, Indu B. et al.			
139	Ø		US 5849891 A	19981215	Satellite RNA from bamboo mosaic virus as a vector for foreign gene expression in plants	Lin, Na-Sheng et al.			
140	×		US 5840481 A	19981124	Parasite-derived resistance	Johnston, Stephen A. et al.			

	U	1	Document ID	Issue-Date	Title	Inventor	s	С	P
141	×		US 5811653 A	19980922	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
142	Ø		US 5811653 A	19980922	Plant transformation system - comprises replicase-deficient tobamovirus vector and movement-protein-deficient helper virus	TURPEN , T H			
143	Ø		US 5633449 A	19970527	Induction of resistance to viral diseases in plants	Zaitlin, Milton et al.			
144	Ø		WO 9706669 A1	19970227	REGULATION OF PLANT DEVELOPMENT AND PHYSIOLOGY THROUGH PLASMODESMATAL MACROMOLECULAR TRANSPORT OF PROTEINS AND OLIGONUCLEOTIDES	LUCAS, WILLIA M J	0		C
145	Ø		US 5596132 A	19970121	Induction of resistance to virus diseases by transformation of plants with a portion of a plant virus genome involving a read-through replicase gene	Zaitlin, Milton et al.			
146	×		US 5580716 A	19961203	Parasite-derived resistance	Johnston, Stephen A. et al.			C
147	×		US 5569828 A	19961029	Maize chlorotic dwarf virus and resistance thereto	McMulle n, Michael D. et al.			
148	×		US 5530193 A	19960625	Maize dwarf mosaic virus resistant plants	Clark, Jr., John M. et al.			
149	Ø		WO 9416089 A1	19940721	VIRAL AMPLIFICATION OF RECOMBINANT MESSENGER RNA IN TRANSGENIC PLANTS	TURPEN , THOMA	0		

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	U	1	Document ID	Issue Date	Title	Inventor	S	C	P
1	Ø		US 6689718 B2	20040210	Use of tobacco mild green mosaic virus (TMGMV) mediated lethal hypersensitive response (HR) as a novel method of weed control	Charudatt an, Raghavan et al.	П		
2	×		US 20040019930 A1	20040129	Virus induced gene silencing in plants	Yusibov, Vidadi			
3	×		US 20020148005 A	20031231	Cabbage leaf curl virus silencing vector useful for silencing expression of endogenous plant genes, comprises a genomic component of the virus with heterologous DNA sequences having sequence similarity to an endogenous plant gene	PEELE, C et al.			
4	Ø		US 6670114 B1	20031230	Host derived proteins binding HCV: medical, diagnostic and purification use	Maertens, Geert et al.			
5	Ø		US 20030229920 A1	20031211	Gene silencing materials and methods	Baulcom be, David Charles et al.			
6	Ø		US 6656726 B1	20031202	Viral expression vectors	Fitzmauri ce, Wayne P. et al.			
7	Ø		WO 200066743 A	20031202	Novel nucleic acid encoding altered viral movement protein and altered 126/183 kDa replicase complex for genetic manipulation of plants	FITZMA URICE, W P et al.			
8	×		US 20030208792 A1	20031106	Method for using tobacco mosaic virus to overproduce peptides and proteins	Fitchen, John H. et al.	0		
9	Ø		US 20030204869 A1	20031030	Method to control the ripening of papaya fruit and confer disease resistance to papaya plants	Gonsalve s, Dennis et al.			
10	Ø		US 6638482 B1	20031028	Reconfigurable detection and analysis apparatus and method	Ackley, Donald E. et al.			
11	×		US 20030200560 A1	20031023	Herbicide resistant plants	Warner, Simon Anthony James et al.			
12	×		US 6632980 B1	20031014	Binary viral expression system in plants	Yadav, Narendra S. et al.			
13	Ø		US 20030190700 A1	20031009	Synthetic nucleic acid molecule for imparting multiple traits	Gonsalve s, Dennis et al.		0	
14	×		US 20030186236 A1	20031002	Identification and applications of porcine reproductive and respiratory syndrome virus host susceptibility factor(s) for improved swine breeding and development of a non-simian recombinant cell line for propagation of the virus and a target for a novel class of antiviral compounds	Kapil, Sanjay et al.			

	U	1	Document ID	Issue-Date	Title	Inventor	S	С	P
15	⊠		US 20030182684 A1	20030925	Tobacco rattle virus vectors and related compositions and methods	Dinesh Kumar, Savithra mma P. et al.			
16	Ø		US 20030172397 A1	20030911	Papaya ringspot virus genes	Gonsalve s, Dennis et al.			
17	Ø		US 20030166169 A1	20030904	Method for constructing viral nucleic acids in a cell-free manner	Padgett, Hal S. et al.			
18	Ø		US 20030165814 A1	20030904	Identification And Applications Of Porcine Reproductive And Respiratory Syndrome Virus Host Susceptibility Factor(s) For Improved Swine Breeding	Kapil, Sanjay et al.			
19	×		US 20030157682 A1	20030821	Mismatch endonucleases and methods of use	Padgett, Hal S. et al.			
20	Ø		US 20030150019 A1	20030807	Monopartite RNA virus transformation vectors	Turpen, Thomas H. et al.			
21	Ø		US 20030150019 A	20030807	New recombinant viral RNA molecules, useful in modifying a plant host cell, genotypically or phenotypically e.g. male sterility or improved resistance to pests or diseases, or for producing pharmaceuticals, hormones or	DAWSO N, W O et al.		o	
22	Ø		US 20030143741 A1	20030731	Rolling circle replicon expression vector	Palmer, Kenneth E. et al.			
23	Ø		US 20030135882 A1	20030717	Methods and means for delivering inhibitory RNA to plants and applications thereof	Metzlaff, Michael H. et al.			
24	Ø		AT 200200052 A	20030715	New nucleic acid encoding binding protein for virus movement protein, useful for preparing virus-resistant transgenic plants, or for promoting spread of viral vectors	KRAGLE R, F et al.			
25	×		US 20030125208 A1	20030703	USE OF TOBACCO MILD GREEN MOSAIC VIRUS (TMGMV) MEDIATED LETHAL HYPERSENSITIVE RESPONSE (HR) AS A NOVEL METHOD OF WEED CONTROL	Charudatt an, Raghavan et al.			
26	Ø		US 20030109045 A1	20030612	RNA silencing suppression	Nelson, Richard S. et al.			
27	Ø		US 20030104571 A1	20030605	Flexible method and apparatus for high throughput production and purification of multiple proteins	Smith, Mark L. et al.			
28			US 6573427 B1	20030603	Recombinant construct for enhancement of gene expression in plants	Atabekov , Joseph et al.	Ø		
29	Ø	0	WO 200046350 A	20030527	Producing biomedical peptides and proteins in plants for use as vaccine in mammals, involves infecting host plants using transcomplementation systems involving recombinant plant viral vectors	KOPRO WSKI, H et al.			

	U	1	Document ID	Issue Date	Title	Inventor	S	C	P
30	×		US 20030097683 A1	20030522	Single-component RNA vectors derived from a virus and containing an intervening sequence between the cap and the 5' end and able to replicate in a host plant cell within a host plant	Lindbo, John A. et al.			
31	Ø		US 20030096320 A1	20030522	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
32	Ø		US 20030093830 A1	20030515	Means for identifying the locus of a major resistance gene to the rice yellow mottle virus, and their applications	Ghesquie re, Alain et al.			
33	×		US 20030079248 A1	20030424	Gemini virus vectors for gene expression in plants	Mason, Hugh et al.			
34	Ø		US 20030079246 A1	20030424	Herbicide resistant plants	Andrews, Christoph er John et al.			
35	×		US 20030077801 A1	20030424	Herbicide resistant plants	Andrews, Christoph er John et al.			
36	×		US 20030074677 A1	20030417	IMPROVED MATERIALS AND METHODS FOR TRANSFORMATION	RASOCH OVA, LADA et al.			
37	Ø		US 20030059910 A1	20030327	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
38	×		US 20030049814 A1	20030313	Herbicide resistant plants	Andrews, Christoph er John et al.			
39	Ø		US 20030049228 A1	20030313	Expression of foreign genes from plant virus vectors	Santa-Cru z, Simon et al.			
40	Ø		US 6531647 B1	20030311	Gene silencing methods	Baulcom be, David Charles et al.			
41	Ø		US 20030044420 A1	20030306	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
42	Ø		US 20030044417 A1	20030306	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
43	Ø		US 20020083491 A	20030305	Geminivirus silencing vector for silencing expression of endogenous plant genes, comprises a genomic component of the virus with heterologous DNA sequences having sequence similarity to an endogenous plant gene	HANLE Y-BOW DOIN, L K et al.			
44	Ø		US 6528703 B1	20030304	Production of transgenic impatiens	Chou, Tau-San			

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45	Ø	_	US 20030039659 A1	20030227	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
46	Ø		US 20030036641 A1	20030220	Methods for homology-driven reassembly of nucleic acid sequences	Padgett, Hal S. et al.			
47	Ø		US 20030035807 A1	20030220	Self antigen vaccines for treating B cell lymphomas and other cancers	McCormi ck, Alison A. et al.			
48	Ø		US 6518013 B1	20030211	Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission	Barney, Shawn O'Lin et al.			
49	Ø		US 20030027173 A1	20030206	Method of determining the function of nucleotide sequences and the proteins they encode by transfecting the same into a host				0
50	Ø		US 6509453 B1	20030121	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.			
51	Ø		US 6503732 B1	20030107	Method for using tobacco mosaic virus to overproduce peptides and proteins	Fitchen, John H. et al.			
52	×		US 20020187952 A1	20021212	Rolling circle replicon expression vectors	Palmer, Kenneth E. et al.			
53	Ø		US 20020168769 A1	20021114	RNA transformation vectors derived from a single-component RNA virus and contain an intervening sequence between the cap and the 5' end	Lindbo, John A. et al.			
54	Ø		US 6479055 B1	20021112	Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission	Bolognes i, Dani Paul et al.			
55	Ø		US 20020165370 A1	20021107	Cytoplasmic gene inhibition or gene expression in transfected plants by a tobraviral vector	Roberts, Peter D. et al.			
56	Ø		US 20020164803 A1	20021107	RNA transformation vectors derived from an uncapped single-component RNA virus	Lindbo, John A. et al.			
57	Ø		US 20020164585 A1	20021107	Method for enhancing RNA or protein production using non-native 5' untranslated sequences in recombinant viral nucleic acids	Chapman , Sean et al.			
58	×		US 6468745 B1	20021022	Method for expressing a library of nucleic acid sequence variants and selecting desired traits	Fitzmauri ce, Wayne P. et al.	П		
59	Ø		US 20020148005 A1	20021010	Method of using DNA episomes to suppress gene expression in plants	Peele, Charles et al.	0		
60	×		US 6462255 B1	20021008	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			

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61	×		US 20020144308 A1	20021003	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
62	×		US 20020138873 A1	20020926	Multiple component RNA vector system for expression of foreign sequences	Lewando wski, Dennis J. et al.			
63	×		WO 200111090 A	20020925	Identifying virus-binding polypeptides by inducing cDNA expression library of animal virus vector to obtain fusion polypeptides and identifying polypeptides that bind to virus of plant-infecting virus preparation	DEMED EIROS, R B et al.			
64	×		US 6448070 B1	20020910	Polypeptides fused with alfalfa mosaic virus or ilarvirus capsid	Koprows ki, Hilary et al.			
65	×		US 6433248 B1	20020813	Trans-activation of transcription from viral RNA	Lommel, Steven A. et al.			
66	Ø		US 20020108146 A1	20020808	DNA construct to confer multiple traits on plants	Pang, Sheng-Zh i et al.			
67	Ø		US 20020104123 A1	20020801	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.	0	0	
68	Ø		WO 200058487 A	20020801	Recombinant viral nucleic acid-based gene transfer vector used to transmit genes to plants and animals, comprises nucleic acid sequences of 5' and 3' end of Nodavirus RNA-1 or 2 and a desired nucleic acid	DASGUP TA, R K et al.			
69	Ø		US 6426185 B1	20020730	Method of compiling a functional gene profile in a plant by transfecting a nucleic acid sequence of a donor plant into a different host plant in an anti-sense orientation	Kumagai, Monto H. et al.			
70	Ø		US 20020083491 A1	20020627	Method of using DNA episomes to suppress gene expression in plants	Peele, Charles et al.		0	
71	Ø		US 6407313 B1	20020618	Regulation of plant development and physiology through plasmodesmatal macromolecular transport of proteins and oligonucleotides	Lucas, William J.			
72	Ø		US 20020069429 A1	20020606	Method for conferring herbicide, pest, or disease resistance in plant hosts	Kumagai, Monto H. et al.			
73	×		US 6395962 B1	20020528	Enhancing expression of a silenced target sequence in plants using plant viral enhancers and amplicons	Vance, Vicki Bowman			
74	Ø		US 6392121 B1	20020521	Gemini virus vectors for gene expression in plants	Mason, Hugh S. et al.			
75	Ø		US 6375899 B1	20020423	Electrophoretic buss for transport of charged materials in a multi-chamber system	Ackley, Donald E. et al.			
76	Ø		US 20020035739 A1	20020321	Evolution of plant disease response plant pathways to enable the development of based biological sensors and to develop novel disease resistance strategies	Lassner, Michael et al.			0

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	U	1	Document ID	Issue Date	Title	Inventor	S	C	P
77	×		US 6319472 B1	20011120	System including functionally separated regions in electrophoretic system	Ackley, Donald E. et al.			
78	Ø		US 6309602 B1	20011030	Stacked, reconfigurable system for electrophoretic transport of charged materials	Ackley, Donald E. et al.			
79	Ø		US 6303848 B1	20011016	Method for conferring herbicide, pest, or disease resistance in plant hosts	Kumagai, Monto H. et al.			
80	×		US 6300134 B1	20011009	RNA transformation vectors derived from a single-component RNA virus and contain an intervening sequence between the cap and the 5' end	Lindbo, John A. et al.			
81	Ø		US 6300133 B1	20011009	RNA transformation vectors derived from an uncapped single-component RNA virus	Lindbo, John A. et al.			
82	×		US 6228983 B1	20010508	Human respiratory syncytial virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
83	×		US 6133505 A	20001017	Phytopathogenic geminivirus resistant transgenic plants and seeds and methods for obtaining same by introduction of mutated C1 gene	Gronenbo rn, Bruno			
84	×		WO 200060088 A	20001012	Novel viral movement polypeptides and polynucleotides useful in field of plant molecular biology, for producing transgenic plants, to prepare antibodies and in immunological screening of cDNA expression libraries	CAHOO N, R E et al.			
85	×		US 6121511 A	20000919	Production of transgenic impatiens	Chou, Tau-San			
86	×		US 6093794 A	20000725	Isolated peptides derived from the Epstein-Barr virus containing fusion inhibitory domains	Barney, Shawn O'Lin et al.			
87	×		WO 200025574 A	20000511	Producing full-length antibody in a host plant for use as vaccines, involves using recombinant viral vectors or transcomplementation systems	KOPRO WSKI, H et al.			0
88	×		US 6060065 A	20000509	Compositions for inhibition of membrane fusion-associated events, including influenza virus transmission	Barney, Shawn O'Lin et al.			
89	×		US 6057492 A	20000502	Plants resistant to tospoviruses	de Haan, Petrus Theodoru s			
90	×		US 6054265 A	20000425	Screening assays for compounds that inhibit membrane fusion-associated events	Barney, Shawn O'Lin et al.			
91	Ø		US 6046384 A	20000404	Papaya ringspot virus NIa protease gene	McMaste r, J. Russell et al.			

	U	1	D cument ID	Issue-Date	Title	Inventor	S	С	P
92	×		US 6042832 A	20000328	Polypeptides fused with alfalfa mosaic virus or ilarvirus capsid proteins	Koprows ki, Hilary et al.	۵		
93	×		US 6017734 A	20000125	Unique nucleotide and amino acid sequence and uses thereof	Summers, Max D. et al.			
94	×		US 6017536 A	20000125	Simian immunodeficiency virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
95	×		US 6013263 A	20000111	Measles virus peptides with antifusogenic and antiviral activities	Barney, Shawn O'Lin et al.			
96	×		US 6005166 A	19991221	Papaya ringspot virus replicase gene	McMaste r, J. Russell et al.			
97	×		US 6002072 A	19991214	Coat protein gene for the FLA83 W strain of papaya ringspot virus	McMaste r, Russell J. et al.	0		
98	×		US 5965794 A	19991012	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
99	Ø		US 5955647 A	19990921	Method for using tobacco mosaic virus to overproduce peptides and proteins	Fitchen, John H. et al.			
100	Ø		US 5945581 A	19990831	Implanting disease resistance to plants with viral replicase DNA molecules which do not have a read-through portion	Zaitlin, Milton et al.			
101	×		US 5919705 A	19990706	Plant virus DNA constructs and virus resistant plants comprising said constructs	de Haan, Petrus Theodoru s			
102	×		US 5907084 A	19990525	Virus resistant or tolerant cells	de Haan, Petrus Theodoru s			
103	Ø		US 5898097 A	19990427	Resistance to virus infection using modified viral movement protein	Beachy, Roger N. et al.			
104	Ø		US 5898097 A	19990427	Producing virus resistant plants by transfection with DNA encoding a mutated protein	BEACH Y, R N et al.			
105	×		US 5889191 A	19990330	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
106	×		US 5877403 A	19990302	Papaya ringspot virus protease gene	McMaste r, J. Russell et al.			

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	U	1	Document ID	Issue Date	Title	Inventor	S	С	P
107	×		US 5856452 A	19990105	Oil bodies and associated proteins as affinity matrices	Moloney, Maurice et al.	0		
108	Ø		US 5811653 A	19980922	Viral amplification of recombinant messenger RNA in transgenic plants	Turpen, Thomas H.			
109	×		WO 9742332 A	19971113	New genetically transformed cassava plants - are obtained by genetic transformation of tissues of friable embryonic cells or suspensions and regeneration into plants	BEACH Y, R N et al.			
110	Ø		US 5633449 A	19970527	Induction of resistance to viral diseases in plants	Zaitlin, Milton et al.			0
111	Ø		WO 9416089 A1	19940721	VIRAL AMPLIFICATION OF RECOMBINANT MESSENGER RNA IN TRANSGENIC PLANTS	TURPEN , THOMA			

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	U	1	Document ID	Issue-Date	Title	Inventor	S		r
1	×		US 20040016025 A1	20040122	Rice promoters for regulation of plant expression	Budworth , Paul et al.			
2	Ø		US 20030172267 A1	20030911	Shifting line of replaceable codes for authenticating identities in, and securing of, a remote communication situation	Gabrieli, Yishay Gershon Yosef			
3	Ø		US 6599943 B1	20030729	Use of hydroxyguanidines	Wikberg, Jarl et al.			
4	Ø		EP 571882 A	20030722	Polyolefin wax prodn. as free-flowing ready-to-use powder - by suspension (co)polymerisation of olefin(s) in low b.pt. solvent, esp. propane, using meatllocene-aluminoxane catalyst system	BOHM, L et al.			
5	Ø		WO 200155066 A	20030717	New substituted 3-phenoxy-1-phenyl acetylene derivative for controlling weeds including monocot or dicot weeds in crops of cultivated plants (e.g. cereals or cotton), or for inhibiting plant growth	BONDY, S S et al.			
6	×		WO 2003016276 A	20030227	New 3-substituted oxindole derivatives are beta-3 adrenergic receptor agonists, useful for treating e.g. diabetes	BASTIA N, J A et al.			
7	Ø		US 20020176388 A1	20021128	Beacon update mechanism	Rankin, Paul J. et al.			
8	Ø		JP 07242870 A	20021105	Organic electroluminescent element material - comprises naphtho[1,8-cd] pyridine deriv. giving elements with high brightness, high emission efficiency and good stability even after repeated use				
9	Ø		US 20020144091 A1	20021003	Method and apparatus for dynamic register management in a processor	Widigen, Larry			
10	M		US 20020037502 A1	20020328	METHOD FOR SEQUENCING OF NUCLEIC ACID POLYMERS	LEUSHN ER, JAMES et al.			
11	Ø		US 6202039 B1	20010313	Compact, low-cost semiconductor device for receiving arbitrary input parameters and driving selected display devices, and methods	Finger, Eugene P.			
12	×		WO 9958653 A2	19991118	METHOD FOR PRODUCING PLANTS HAVING AN INCREASED TOLERANCE AGAINST DROUGHT AND/OR FUNGAL ATTACK AND/OR INCREASED SALT CONCENTRATIONS AND/OR EXTREME TEMPERATURE BY THE EXPRESSION OF PLASMODESMATA-LOCALIZED PROTEINS	ROHDE, WOLFG ANG et al.		0	
13	Ø		JP 09124571 A	19970513	New N-substituted cyclic carboxamide compounds - are inflammatory cytokine inhibitors used as antiinflammatory agents e.g. for treating rheumatism			0	
14	Ø		US 5457749 A	19951010	Electronic muffler	Cain, John A. et al.			
15	Ø		US 5311438 A	19940510	Integrated manufacturing system	Sellers, R. Drew et al.			

	U	1	D cument ID	Issue Date	Title	Inventor	S	С	P
16	×		US 5272286 A	19931221	Single cavity automobile muffler	Cain, John J. et al.			
17	×		US 5256715 A	19931026	Poly(arylene sulfide) resin composition	Harry, Nathaniel			
18	×		US 5185100 A	19930209	Electrically conductive polymers - formed from conjugated backbone polymers doped with non-oxidising protonic acid(s)	ELSENB AUMER, R L et al.			
19	Ø		US 5139703 A	19920818	Neutral and electrically conductive poly(heterocyclic vinylene(s)) - can be used to form conducting polymer articles including films, fibres and coatings	ELSENB AUMER, R L et al.			
20	×		WO 9115534 A	19911017	Electrically conductive (co)polymers used for conductive articles - contain poly(aromatic vinylene) and poly(hetero:aromatic vinylene) for prepn. of compsns. and solns. for liq. conductors	ELSENB AUME, R L et al.			
21	Ø		US 5033065 A	19910716	Apparatus for counting conveyed objects	Keromne s, Bernard		0	
22	×		JP 02252222 A	19901011	MANUFACTURE OF PERMANENT MAGNET	KOBAY ASHI, OSAMU et al.			
23	Ø		US 4932303 A	19900612	Percussion type electronic musical instrument having reduced abnormal vibration tone generation	Kimpara, Mamoru			
24	Ø		US 4880915 A	19891114	Method for purifying a physiologically active substance produced by recombinant DNA technique	Kajihara, Junichi et al.			
25	×		US 4879226 A	19891107	Novel human physiologically active polypeptide	Wallace, Robert B. et al.			
26	×		WO 8800954 A	19880211	New neutral and conductive poly(heterocyclic vinylene(s)) - prepd. by condensing bis-(sulphonium substd. methyl) heterocyclic cpd., elimination and doping	ELSENB AUMER, R L et al.		0	
27	×		US 4366573 A	19821228	Method for synchronizing code machines which are operated within the framework of a block transmission	Rauch, Walter			
28	×		US 4054564 A	19771018	7-(5-Amino-5-carboxyvaleramido)-7-methoxycephalospora nic acid	Hamill, Robert L. et al.			
29	Ø		US 4012727 A	19770315	Alarm control system	Grossi, Benedett o et al.			
30	×		US 3973015 A	19760803	Antibiotic A16884	Hamill, Robert L. et al.			
31	Ø		US 3930993 A	19760106	Capacitor testing and sorting apparatus	Best, Howard S. et al.			
32	Ø		US 3723841 A	19730327	MOTOR CONTROL SYSTEM	Cotton, Ronald K. et al.			
33	Ø		US 3677420 A	19720718	STORAGE AND RETRIEVAL SYSTEM WITH A MOTOR CURRENT SENSING TO DETECT OBSTRUCTIONS	Cotton, Ronald K. et al.			